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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040029791 A1

L2: Entry 1 of 2 File: PGPB Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040029791
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040029791 A1

TITLE: Cyclin dependent kinase binding compounds

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fahraeus, Robin	Dundee		GB
Lane, David Philip	St. Andrews		GB

US-CL-CURRENT: 514/12; 435/184

ABSTRACT:

The present invention identifies substances having the property of binding to cyclin dependent kinase (cdk) comprising: (i) a peptide including amino acid residues 84 to 103 of full length p16 protein, or an active portion or derivative thereof; or (ii) a functional mimetic of the fragment. active portion or derivative; the substance excludes full length p16. p15. p18 and p19 proteins. These substances are useful in tumour suppression by inhibiting the phosphorylation of Rb protein. Also described herein is the resolution of the amino acid motifs responsible for binding cdks, an FLD motif. corresponding to amino acid residues 90 to 92 of full length p16 protein. and an LVVL motif, corresponding to amino acid residues 94 to 97 of full length p16 protein. The substances disclosed herein can be used in the treatment of hyperproliferative disorders and to screen and design molecules having the similar properties.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 6569833 B1

L2: Entry 2 of 2 File: USPT May 27, 2003

US-PAT-NO: 6569833
DOCUMENT-IDENTIFIER: US 6569833 B1

TITLE: Cyclin dependent kinase binding peptides

DATE-ISSUED: May 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY

Fahraeus; Robin	Dundee	GB
Lane; David Philip	Fife	GB

US-CL-CURRENT: 514/13; 514/14, 514/15, 514/16, 530/326, 530/327, 530/328

ABSTRACT:

The present disclosure identifies substances having the property of binding to cyclin dependent kinase (cdk) comprising: (i) a peptide including amino acid residue 84 to 103 of full length p16 protein, or an active portion or derivative thereof; or (ii) a functional mimetic of the fragment, active portion or derivative; the substance excludes full length p16, p15, p18 and p19 proteins. These substances are useful in tumor suppression by inhibiting the phosphorylation of Rb protein. Also described herein is the resolution of the amino acid motifs responsible for binding cdks, an FLD motif, corresponding to amino acid residues 90 to 92 of full length p16 protein, and an LVVL motif, corresponding to amino acid residues 94 to 97 of full length p16 protein. The substances disclosed herein can be used in the treatment of hyperproliferative disorders and to screen and design molecules having the similar properties.

22 Claims, 18 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 13

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